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COUNTRY Yugoslavia

REPORT NO.

TOPIC VRPOLJE - SARAJEVO Railroad Line

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25X1 DATE OF CONTENT

DATE OBTAINED _____ DATE PREPARED 20 October 1949

REFERENCES _____

PAGES 2 ENCLOSURES (NO. & TYPE) _____

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REMARKS _____

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1. General Construction

a. There was a single-track, standard-gauge line from VRPOLJE to SAMAC. It was extended via DOBOJ and ZENICA to SARAJEVO (see Annex 1), to a total length of 260 km, partly utilizing the roadbed of the previous narrow-gauge line between DOBOJ and SARAJEVO, which was rerouted when necessary. Narrow-gauge trains, however, operate only on the SLAV.BROD - DOBOJ and ZENICA - SARAJEVO sections. It is not known whether the DOBOJ - ZENICA section has been dismantled.

b. The new standard-gauge line was built by youth brigades, and was designated "Railroad Line of the Youth". Its construction was much publicized and pushed hard (from April 1947 to November 1947). Its safety was not up to requirements, because the foundations were not properly laid, causing constant landslides. Frequent repairs of the subgrade were necessary.

c. Roadbed: Embankment when required by terrain conditions, made by earth and stones rammed by hand on top of a 30 to 40cm layer of gravel.

d. Wooden ties, partly creosoted.

e. Rails from 8 to 22 meters long, partly new, stamped "Zenica 1947."

f. Ballast: River gravel.

A new standard-gauge RR station was built in SARAJEVO (SARAJEVO NOVO) at a distance of about 550 m from the narrow-gauge railroad station.

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2. Information was obtained on the following constructions:

a. SAMAC railroad bridge across the Sava River (see Annex 2):

Length: about 600 meters.
 Wooden piers, with two concrete piers in the middle section.
 Steel Superstructure.
 River clearance: about 15 meters.

b. AGLAJ railroad bridge across Bosna River (1 km NNW of AGLAJ (see Annex 3):

Length: about 80 meters
 3 concrete piers; concrete abutments.
 Superstructure: concrete and steel.
 4 spans, 20 meters each.
 Clearance over ground: about 10 meters.

c. ZEPKO Railroad bridge across Bosna River (2 km N of ZEPKO):

Length: about 30 meters.
 3 concrete piers.
 Concrete abutments.
 Superstructure: middle section, steel (15 meters); sidesections, concrete.

d. ZENICA railroad bridge across Bosna River (600 meters N of ZENICA) (see Annex 4):

Length: about 125 meters.
 3 concrete piers.
 Concrete abutments.
 5 concrete spans, 16.6 meters each, and one 40-meter, steel structure span.
 River clearance: about 5 meters.

e. ZENICA railroad bridge across Bosna River (400 meters^S of ZENICA) (see Annex 5):

Length: about 150 meters.
 3 concrete piers.
 Concrete abutments.
 7 concrete spans, 10.6 meters each, and one 40-meter, steel structure span.
 River clearance: about 5 meters.

f. KAKANJ railroad bridge across Bosna River:

Length: about 60 meters
 3 concrete piers.
 Superstructure: straight concrete girder structure.

g. Tunnels:

South of AGLAJ, 80 meters.
 About 15 km north of ZENICA, 250 meters.
 VISOKO, arched and concrete-lined; length: 120 meters; height: 4 meters; width: 3.5 meters.

- 5 Annexes: RR New Construction Division SAMAC-SARAJEVO
 RR Bridge across the Sava River near SAMAC
 RR Bridge across the Bosna River near AGLAJ
 RR Bridge across the Bosna River near ZENICA
 RR Bridge across the Bosna River near ZENICA.

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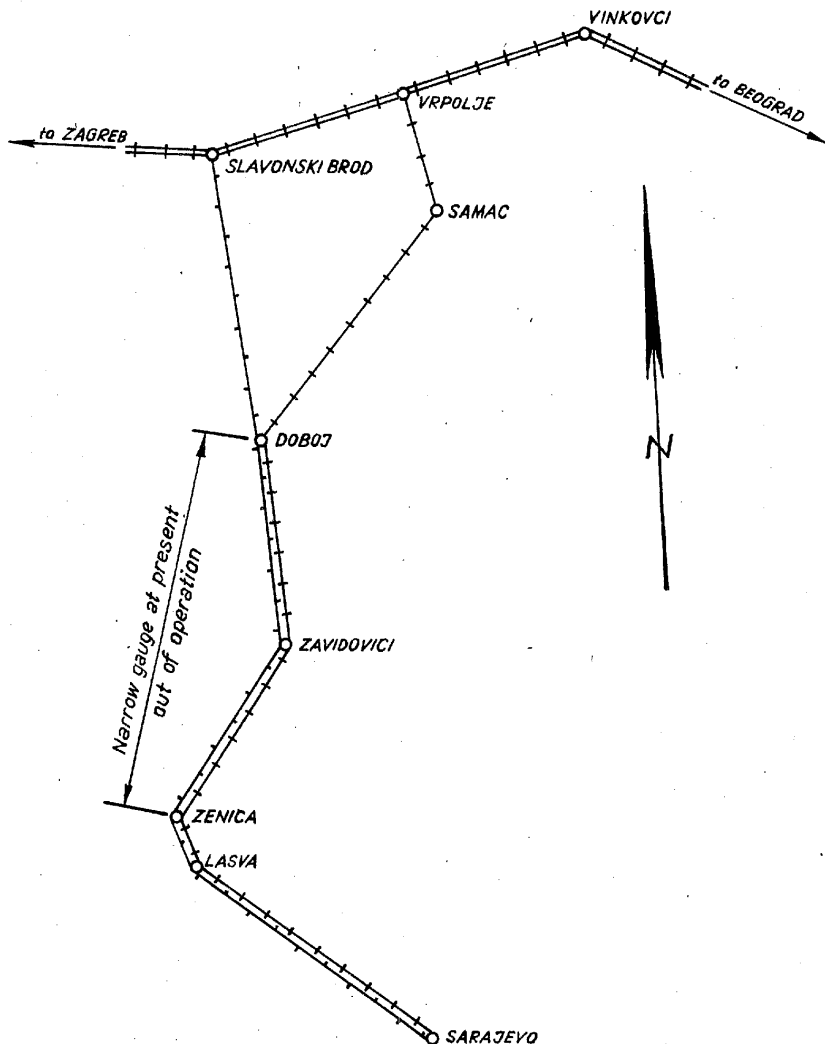
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Annex 1

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RR New Construction
Division SAMAC - SARAJEVO

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Legend:

- +—+— Standard Gauge - Single Track
- ==+== " " - Double "
- - - - - Narrow Gauge 76cm

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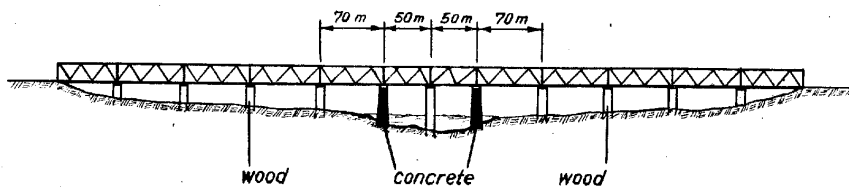
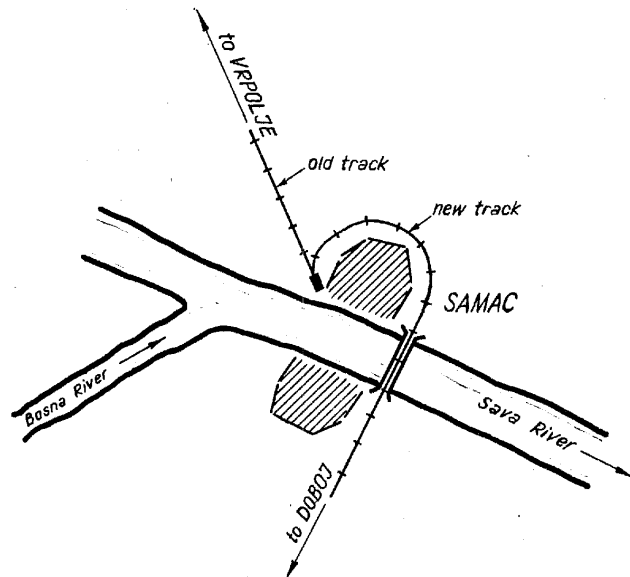
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Annex 2

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RR Bridge across the Sava River near SAMAC



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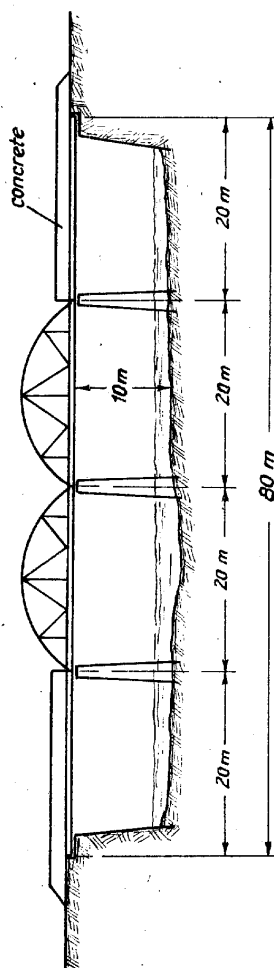
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Annex 3

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RR Bridge across the Bosna River near MAGLAJ



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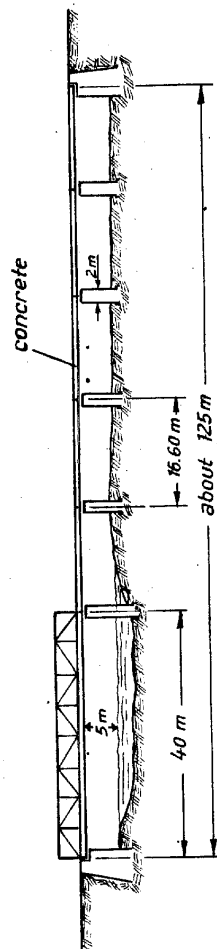
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Annex 4

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RR Bridge across the Bosna River near ZENICA



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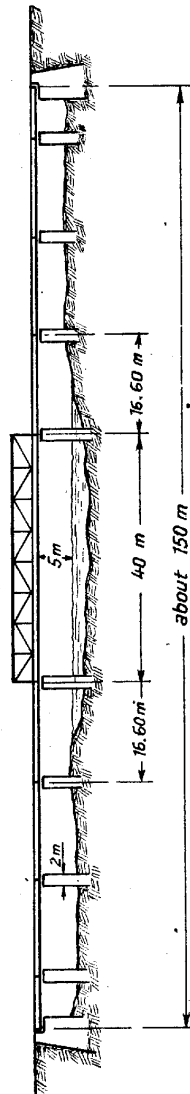
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Annex 5

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RR Bridge across the Bosna River near ZENICA



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